

POLYMERIZED AND MODIFIED RAPAMYCINS AND THEIR USE IN COATING MEDICAL PROSTHESES

ABSTRACT OF THE DISCLOSURE

Compositions of matter comprise linked pluralities of mTOR-binding molecules, such as rapamycin. The compositions may be directly polymerized or may comprise rapamycin or other mTOR-binding molecules covalently or non-covalently attached to a backbone molecule. The compositions may be bound to vascular prostheses and other implantable devices in order to inhibit hyperplasia or for other therapeutic purposes.